	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 50149668	A2	19751129	JP 1974-58244	19740522
	JP 56029871	B4	19810710		

GI For diagram(s), see printed CA Issue.

AB I (Z = pyridyl, pyrimidinyl, imidazolyl, tetrazolyl, or thiazolyl; R = hydrocarbonyl; Z1 = O, S, NH, or substituted imino; were treated with alkoxymethylenetrialkyl(or aryl)phosphorane, hydrolyzed, and oxidized to give II. II are antiinflammatory and analgesic agents (no data). Thus, 23.24 g methoxymethylenetriphenylphosphorane-HCl in Et2O was treated with PhLi in Et2O and 7.14 g 2-phenoxy-5-acetylpyridine in Et2O to give 5.42 g 2-phenoxy-5-(1-methyl-2-methoxyvinyl)pyridine, which (1.46 g) in 2N HCl was stirred overnight under N and oxidized with KMnO4 to give 210 mg 2-(2-phenoxy-5-pyridyl)propionic acid. Among 133 more I similarly prepd. were 2-[6-(2-pyridyloxy)-2-naphthyl]propionic acid; 2-[4-(1-phenyl-1,2,3,4-tetrazolyloxy)phenyl]propionic acid; 2-[4-(2-pyrimidinyloxy)phenyl]propionic acid; and 2-[4-(1-methyl-2-benzimidazolyloxy)phenyl]propionic acid.

L3 ANSWER 1 OF 1 CA COPYRIGHT 2002 ACS

AN **84:43857** CA

TI Alkanoic acid derivatives containing a pyridine ring

IN Maeda, Ryozo; Hirose, Katsumi

PA Shionogi and Co., Ltd., Japan

SO Japan. Kokai, 7 pp.
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 50076072	A2	19750621	JP 1973-125187	19731107
	JP 58021626	B4	19830502		

GI For diagram(s), see printed CA Issue.

AB Halides I (X = halo; R = H, alkyl; Z = O, S; R1-R6 = H, alkyl, alkoxy, carboxy, amino, carbamoyl, NO2, cyano, OH, acyloxy, acylamino, CF3, halo, where either 2 of R1-R6 may form a alicyclic or benzene ring fused to the pyridine or benzene ring; the CHRX group may be located on any of the arom. rings) are carboxylated to give title acids (I; X = CO2H) (II). II, e.g. III or IV, have antiinflammatory, and analgesic effects (no data). Thus, 1.3 g V, prepd. from 5-phenoxy-3-(.alpha.-hydroxyethyl)pyridine and PBr3 in CCl4, was metalated with BuLi in THF at -30.degree. and treated with CO2 to give III, also prepd. via Grignard reagent derived from V or by treating V with NaCN in Me2SO and subsequent hydrolysis. Among 93 more II prepd. were 6-phenoxy-3-pyridylacetic acid, IV, 2-[6-(2-pyridyloxy)-2-naphthyl]propionic acid, and 2-(6-phenylthio-3-pyridyl)propionic acid.